

CBSE CLASS 4 MATHS – FRACTIONS

Worksheet 4: Addition and Subtraction of Fractions*Practice worksheet with answer key*

Name: _____

Date: _____

Remember: Like denominators: add or subtract the numerators; the denominator stays the same.Example: $\frac{2}{7} + \frac{3}{7} = \frac{5}{7}$.

Unlike denominators: first change them to the same denominator using equivalent fractions.

Example: $\frac{1}{2} + \frac{1}{4} = \frac{2}{4} + \frac{1}{4} = \frac{3}{4}$.

Write the answer in the simplest form where possible.

Section A: Multiple Choice Questions*Choose the correct option and write its letter.*

1. $\frac{2}{7} + \frac{3}{7} = ?$
(a) $\frac{5}{14}$ (b) $\frac{5}{7}$ (c) $\frac{6}{7}$ (d) $\frac{1}{7}$
2. $\frac{5}{9} - \frac{2}{9} = ?$
(a) $\frac{3}{9}$ (b) $\frac{7}{9}$ (c) $\frac{3}{18}$ (d) $\frac{10}{9}$
3. $\frac{3}{8} + \frac{4}{8} = ?$
(a) $\frac{7}{16}$ (b) $\frac{1}{8}$ (c) $\frac{7}{8}$ (d) $\frac{12}{8}$
4. $\frac{1}{2} + \frac{1}{4} = ?$
(a) $\frac{2}{6}$ (b) $\frac{1}{4}$ (c) $\frac{2}{4}$ (d) $\frac{3}{4}$
5. $\frac{3}{4} - \frac{1}{2} = ?$
(a) $\frac{2}{2}$ (b) $\frac{1}{4}$ (c) $\frac{1}{2}$ (d) $\frac{2}{4}$
6. While adding fractions with the same denominator, we add the:
(a) numerators
(b) denominators
(c) both numerators and denominators
(d) none of these
7. $\frac{1}{3} + \frac{1}{6} = ?$
(a) $\frac{2}{9}$ (b) $\frac{2}{6}$ (c) $\frac{1}{2}$ (d) $\frac{1}{3}$
8. $\frac{11}{12} - \frac{5}{12} = ?$
(a) $\frac{16}{12}$ (b) $\frac{6}{0}$ (c) $\frac{6}{24}$ (d) $\frac{6}{12}$
9. $\frac{2}{5} + \frac{1}{10} = ?$
(a) $\frac{3}{15}$ (b) $\frac{5}{10}$ (c) $\frac{3}{10}$ (d) $\frac{2}{10}$
10. $\frac{5}{6} - \frac{1}{3} = ?$
(a) $\frac{3}{6}$ (b) $\frac{4}{3}$ (c) $\frac{4}{6}$ (d) $\frac{1}{3}$

Section B: Fill in the Blanks

Write the correct answer in the blank.

1. $1/5 + 2/5 =$ _____
2. $6/7 - 4/7 =$ _____
3. $4/9 + 3/9 =$ _____
4. $8/11 - 3/11 =$ _____
5. $1/3 + 4/6 =$ _____
6. $3/4 - 1/8 =$ _____
7. $9/10 - 4/10 =$ _____
8. $1/6 + 2/6 + 1/6 =$ _____
9. When we add fractions with like denominators, the denominator remains _____.
10. $2/3 - 1/6 =$ _____

Section C: True or False

Write True or False.

1. $2/5 + 1/5 = 3/5$ (True / False)
2. $2/5 + 1/5 = 3/10$ (True / False)
3. To subtract fractions with the same denominator, subtract the numerators and keep the denominator. (True / False)
4. $1/2 + 1/2 = 2/4$ (True / False)
5. $7/9 - 2/9 = 5/9$ (True / False)
6. To add fractions with unlike denominators, we first make the denominators the same. (True / False)
7. $1/4 + 1/8 = 2/12$ (True / False)
8. $3/4 - 1/4 = 2/4$ (True / False)
9. $1/3 + 1/6 = 1/2$ (True / False)
10. $3/4 - 1/2 = 2/2$ (True / False)

Section D: Match the Following

Match Column A with Column B. Write the letter of the correct answer next to each number.

Column A	Column B
1. $\frac{1}{7} + \frac{2}{7}$ Ans: _____	A. $\frac{5}{8}$
2. $\frac{5}{8} - \frac{3}{8}$ Ans: _____	B. $\frac{3}{4}$
3. $\frac{2}{9} + \frac{5}{9}$ Ans: _____	C. $\frac{3}{7}$
4. $\frac{6}{10} - \frac{1}{10}$ Ans: _____	D. $\frac{5}{6}$
5. $\frac{1}{2} + \frac{1}{4}$ Ans: _____	E. $\frac{2}{8}$
6. $\frac{3}{4} - \frac{1}{2}$ Ans: _____	F. $\frac{7}{9}$
7. $\frac{1}{3} + \frac{1}{6}$ Ans: _____	G. $\frac{3}{10}$
8. $\frac{7}{8} - \frac{1}{4}$ Ans: _____	H. $\frac{1}{4}$
9. $\frac{1}{5} + \frac{1}{10}$ Ans: _____	I. $\frac{5}{10}$
10. $\frac{2}{3} + \frac{1}{6}$ Ans: _____	J. $\frac{3}{6}$

Answer Key – Worksheet 4: Addition and Subtraction of Fractions

Section A: Multiple Choice Questions

1. (b) $\frac{5}{7}$
2. (a) $\frac{3}{9}$
3. (c) $\frac{7}{8}$
4. (d) $\frac{3}{4}$
5. (b) $\frac{1}{4}$
6. (a) numerators
7. (c) $\frac{1}{2}$
8. (d) $\frac{6}{12}$
9. (b) $\frac{5}{10}$
10. (a) $\frac{3}{6}$

Section B: Fill in the Blanks

1. $\frac{3}{5}$
2. $\frac{2}{7}$
3. $\frac{7}{9}$
4. $\frac{5}{11}$
5. 1 ($\frac{2}{6} + \frac{4}{6} = \frac{6}{6}$)
6. $\frac{5}{8}$ ($\frac{6}{8} - \frac{1}{8}$)
7. $\frac{5}{10}$ (or $\frac{1}{2}$)
8. $\frac{4}{6}$ (or $\frac{2}{3}$)
9. the same
10. $\frac{3}{6}$ (or $\frac{1}{2}$) ($\frac{4}{6} - \frac{1}{6}$)

Section C: True or False

1. True
2. False – Add only the numerators: $\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$.
3. True
4. False – $\frac{1}{2} + \frac{1}{2} = \frac{2}{2} = 1$.
5. True
6. True
7. False – $\frac{1}{4} = \frac{2}{8}$, so $\frac{2}{8} + \frac{1}{8} = \frac{3}{8}$.
8. True
9. True
10. False – $\frac{3}{4} - \frac{2}{4} = \frac{1}{4}$.

Section D: Match the Following

- | | |
|--------------------------|--------------------------|
| 1 → C ($\frac{3}{7}$) | 6 → H ($\frac{1}{4}$) |
| 2 → E ($\frac{2}{8}$) | 7 → J ($\frac{3}{6}$) |
| 3 → F ($\frac{7}{9}$) | 8 → A ($\frac{5}{8}$) |
| 4 → I ($\frac{5}{10}$) | 9 → G ($\frac{3}{10}$) |
| 5 → B ($\frac{3}{4}$) | 10 → D ($\frac{5}{6}$) |